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MODIFICATION INSTRUCTIONS
for the
Kodak X-Omat MULTILOADER 300 PLUS
Service Code: 3511
Modification No. 1

Kodak X-Omat 3000 RA PROCESSOR
Service Code: 3434
Modification No. 2

Type 2

Purpose: To reduce wear and extend the service life of the DRYER RACK by installing new BEARING WASHERS.

Important
Use qualified personnel to install this modification.

Service Effects:	None
Special Requirements:	None
Serial Numbers:	• MULTILOADER 300 PLUS: 30,001 - 30,040 and 150,001 - 150,065 (Serial No. is for the PROCESSOR) • 3000 RA PROCESSOR: 3001 - 4350 and 100,001 - 100,125
Installation Time:	Approximately 1.5 hours
Special Tools:	FEELER GAUGE, 2.70 mm (1.05 in.)
Parts Status:	Parts are available from Service Parts Management.
Parts Requirements:	See Page 2.

HEALTH IMAGING

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This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

MODIFICATION KIT 3H8291 includes:

Part No.	Description	Qty.
3H8282	BEARING WASHER	14
3H8275	drive SIDEPLATE	1
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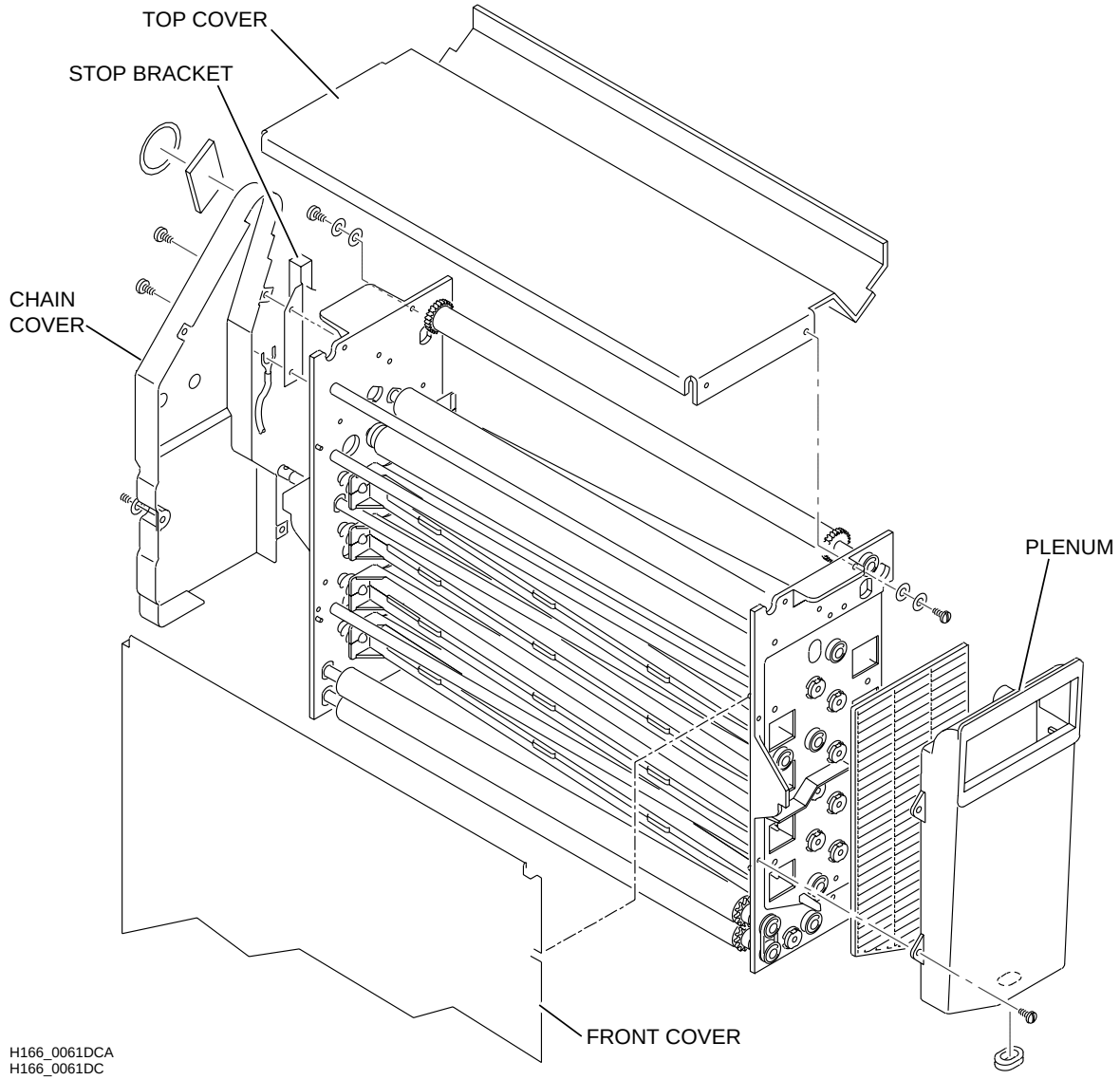
Removing and Disassembling the DRYER RACK

Figure 1 **COVERS on the DRYER RACK**



Warning

Dangerous Voltage

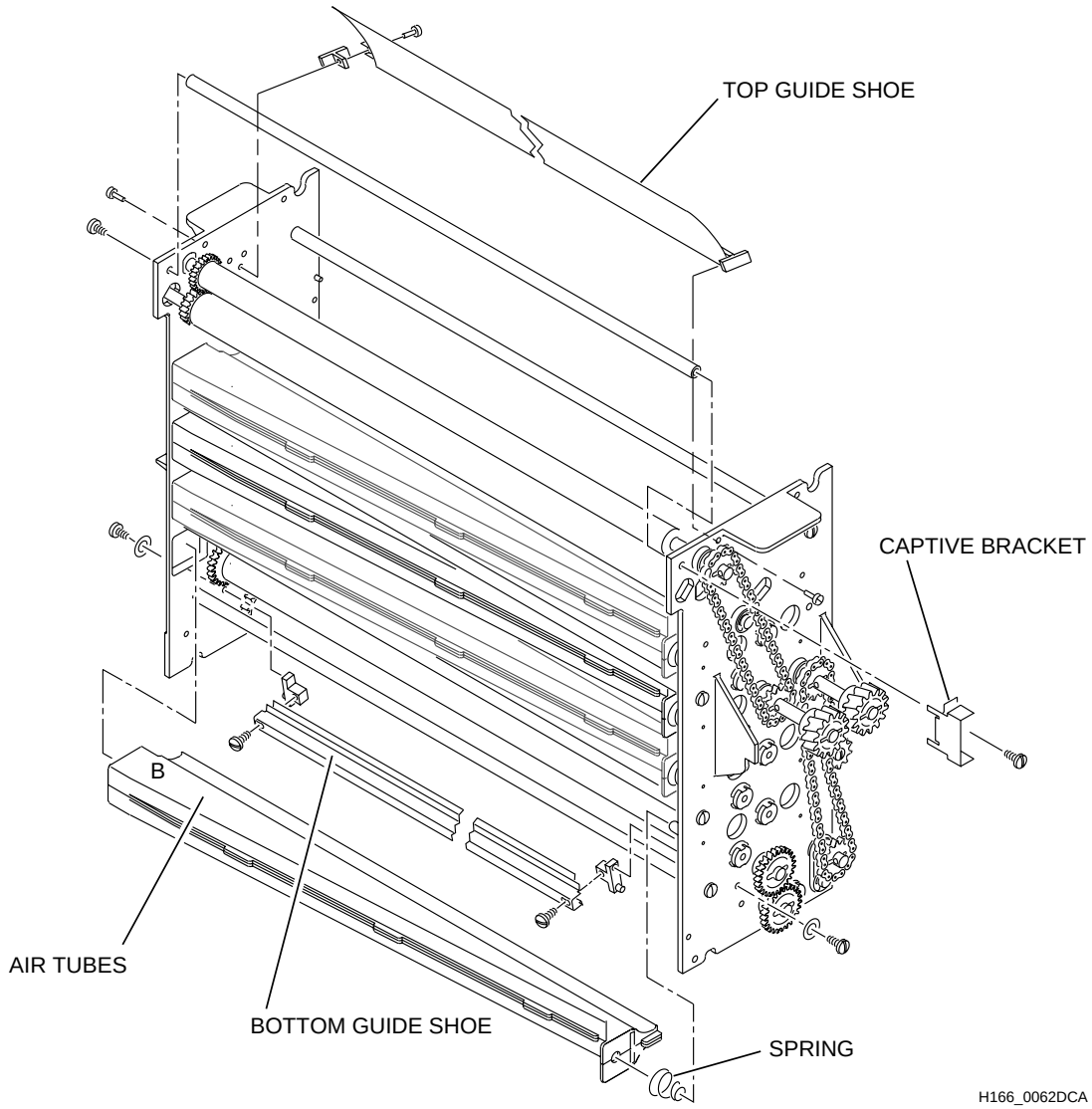
[1] De-energize the PROCESSOR and the MULTILOADER.

[2] Remove the DRYER RACK from the PROCESSOR.

[3] Remove from the DRYER RACK:

- FRONT COVER
- TOP COVER, if installed
- PLENUM
- STOP BRACKET
- CHAIN COVER

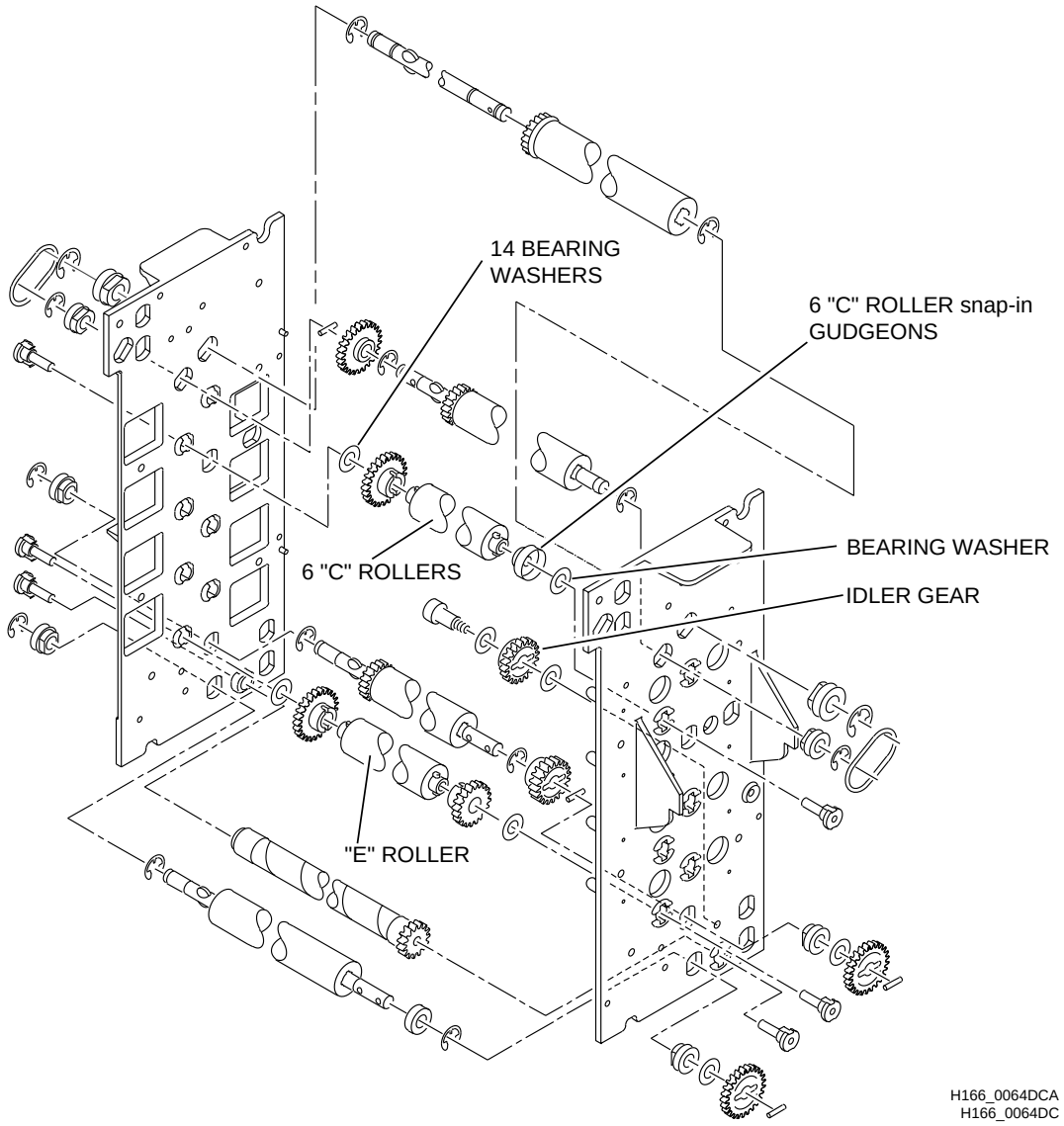
Figure 2 **GUIDE SHOES and AIR TUBES**



[4] Remove:

- TOP GUIDE SHOE, if installed
- 8 AIR TUBES
- BOTTOM GUIDE SHOE
- CAPTIVE BRACKET, if installed

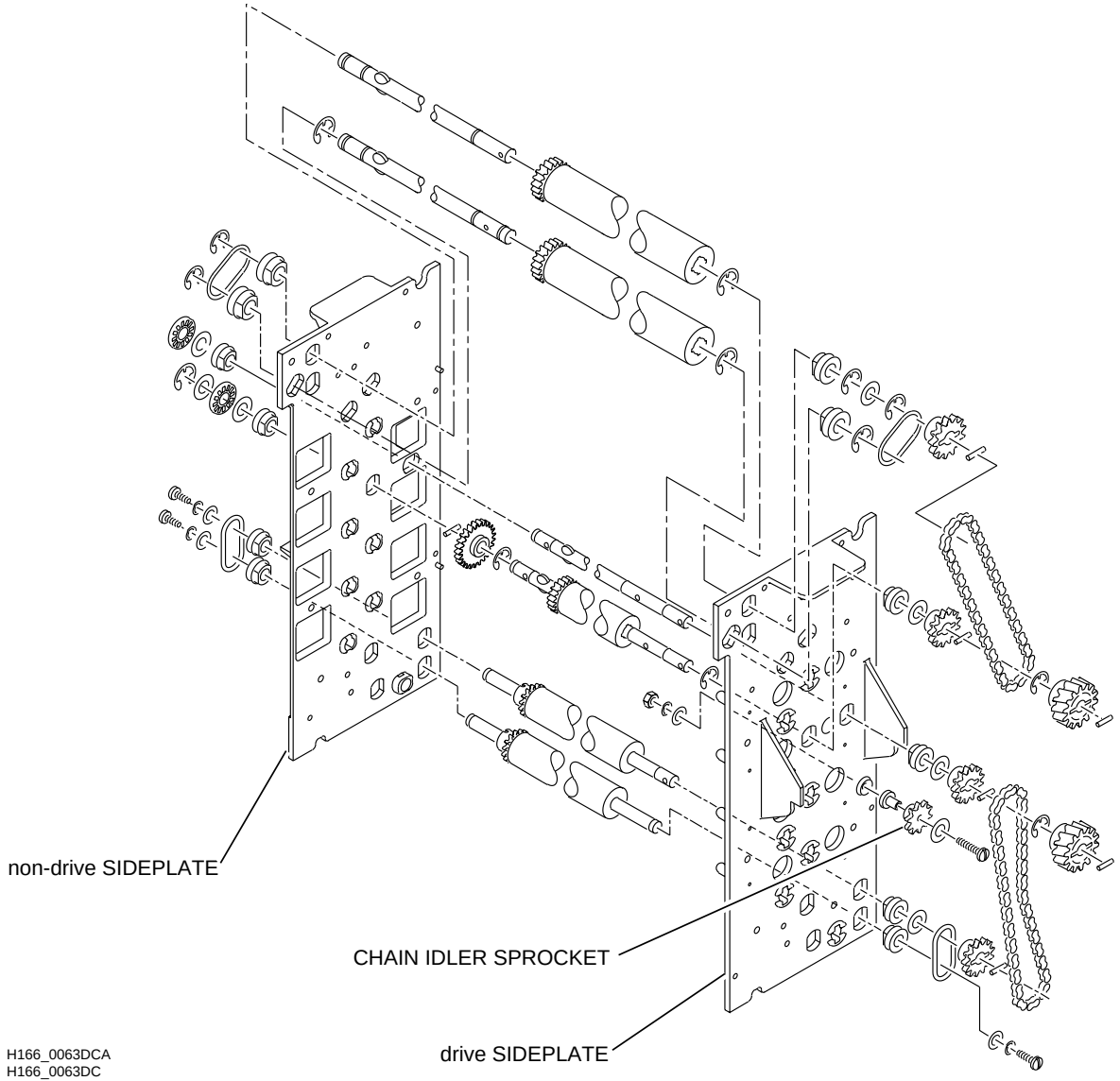
Figure 3 **Snap-in GUDGEONS**



[5] Remove the 6 “C” ROLLERS.

[6] Remove and discard the 6 “C” ROLLER snap-in GUDGEONS, if installed.

Figure 4 **Non-drive and drive SIDEPLATES**



[7] Disassemble all the necessary parts to remove:

- non-drive SIDEPLATE
- drive SIDEPLATE

[8] Discard the drive SIDEPLATE.

Installing the New Drive SIDEPLATE and Adjusting the GUIDE SHOE

[1] See Figures 2 and 4 and remove from the existing drive SIDEPLATE:

- CHAIN IDLER SPROCKET
- IDLER GEAR
- 8 SPRINGS

[2] Install onto the new drive SIDEPLATE:

- CHAIN IDLER SPROCKET
- IDLER GEAR
- 8 SPRINGS

Important

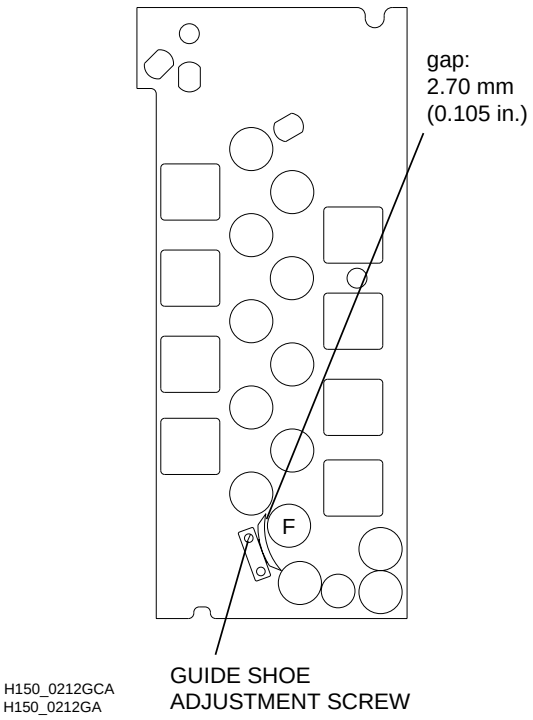
Do not install at this time:

- "E" ROLLER
- bottom "C" ROLLER
- 2 bottom AIR TUBES

[3] See Figures 2, 3, and 4 and assemble the DRYER RACK:

- existing non-drive SIDEPLATE
- new drive SIDEPLATE
- 10 new BEARING WASHERS, one at each end of each "C" ROLLER
- 6 AIR TUBES
- Bottom GUIDE SHOE, with the long edge of the SHOE in the direction that the FILM moves
- CAPTIVE BRACKET, if removed in Step 4, Page 4

Figure 5 **Adjusting the GUIDE SHOE**



[4] Loosen the 2 GUIDE SHOE ADJUSTMENT SCREWS.

[5] Set the distance between the "F" ROLLER and the long edge of the GUIDE SHOE:

(a) Place a 2.70 mm (0.105 in.) FEELER GAUGE between the "F" ROLLER and the long edge of the GUIDE SHOE.

(b) Hold the GUIDE SHOE against the FEELER GAUGE and tighten the 2 GUIDE SHOE ADJUSTMENT SCREWS.

(c) Check that the distance between the GUIDE SHOE and the "F" ROLLER is 2.70 mm (0.105 in.) $\pm$ 0.10 mm (0.005 in.) at both ends and in the center of the ROLLER.

[6] Place a small quantity of water on the BEARING WASHERS to help hold them in place on the “E” ROLLER. See Figure 3.

[7] Install:

- “E” ROLLER, with a new BEARING WASHER on each end
- bottom “C” ROLLER, with a new BEARING WASHER on each end
- 2 bottom AIR TUBES

[8] Install on the DRYER RACK:

- TOP GUIDE SHOE, if removed in Step 4 on Page 4
- TOP COVER, if removed in Step 3 on Page 3
- PLENUM
- STOP BRACKET
- CHAIN COVER
- FRONT COVER

[9] Check the DRYER RACK for squareness on a smooth, dry surface.

[10] Rotate the DRIVE RACK SHAFTS on the DRYER RACK to check for correct operation.

[11] Install the DRYER RACK into the PROCESSOR.

Completing the Modification

[1] Circle:

- “2” on the MODIFICATION LABEL on the 3000 RA PROCESSOR
- “1” on the MODIFICATION LABEL on the MULTILOADER 300 PLUS

[2] Assemble the PROCESSOR.

[3] Check that the equipment operates correctly.

Publication History

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